

WASSZCZUK, J.

32

POLAND

POLAND

KULENZA, Aleksandra; Department of Epidemiology (Zaklad Epidemiologii), PZH (Panstwowy Zaklad Higieny -- State Institute of Hygiene), Director: Prof Dr J. KOSTRZEWSKI, Head of the Institute: Prof Dr S. PRZENIOMYCKI; with the collaboration of J. GOLBA, T. JOPKIEWICZ, M. KACPRZAK, W. KOCIELSKA, M. KOPEC, K. LIPINSKA, R. LUTYNSKI, J. MAKAREWICZ, H. MALYSZKO, K. NEMIAN, A. CLES, S. PEBKA, K. TOPIELNIEWICZ, T. RODEWICZ, J. ROZWADOWNA, W. SOCZENICA, S. SZCZESNIAK, D. ZOLNIE-RZONA all of the Wojewodztwo Health and Epidemiological Stations (Wojewodzkie Stacje Sanitarne-Epidemiologiczne); H. BOBROWSKI, A. GECOW, J. GELBER, M. GRUSZCZYNSKA, H. JASTRZEB-SKA, E. JUZWA, J. KUROCCYIN, Z. RESZKE, R. STANCZYK, J. SYG-NATOWICZOWA, Z. SZCZERSKA, K. SZCZYGIELSKI, S. SZYNDLAR, Z. SWICOWA, J. WAJSZCZUK, R. WARZECHA all of the Departments of Poliomyelitis Patients (Oddzialy dla Chorych na Polio-myelitis) of the Wojewodztwo Health and Epidemiological Stations; J. ADAMSKI (Poznan), H. DOBROWOLSKA (Warsaw), J. BOCHENSKA (Lodz), M. KOENIG (Krakow); H. DOBROWOLSKA of the Department of Virology (Zaklad Wirusologii) of PZH.

1/2

 $1\frac{1}{2}$

POLAND

Director: Prof Dr P. PRZESMYCKI, technical aid: A. BACINSKA

"Epidemic Situation of Poliomyelitis in Poland in 1961"

Warsaw, Przegląd Epidemiologiczny, Vol XVI, No 4, 1962,
pp369-375.

Abstract: /Author: English summary modified/ The profound influence on the epidemiology, etiology and clinical picture of poliomyelitis of the introduction of mass immunization with attenuated polio vaccines in 1959 is discussed. Observations on the influence and effect of immunizations with such vaccines on the epidemic situation of poliomyelitis in Poland are reported. 4 tables, 2 diagrams; 5 Polish references.

12/2

WAJSZCZUK, W.

ASKANAS, Zdzisław; GARBWA, Mieczysław; LUKASIK, Elżbieta; STOPCZYK, Mariusz;
WAJSZCZUK, Waldemar

Comparison of stereocardiogram with spatial vectogram. Polski tygod.
lek. 12 no.35:1341-1344 26 Aug 57.

1. Z IV Kliniki Chrob Wewnetrznych A. M. w Warszawie; kierownik Kliniki:
prof. Z. Askanas.

(VECTOCARDIOGRAPHY,

comparison of stereocardiogram with spatial vectogram (Pol))

WAJSZCZUK, Waldemar

ASKANAS, Zdzisław, GARBISZ, Mieczysław, LUKASIK, Młabieta, WAJSZCZUK, Waldemar,
STOPCZYK, Mariusz

Stereocardiographic changes following commissurotomy. Polski tygod.
lek. 13 no. 15:542-546 14 Apr 58

1. (Z IV Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik:
prof. dr med. Zdzisław Askanas). Adres: ul. Oczki 6, IV Klin. Chor. Wewn.
A.M.

(COMMISSUROTOMY,
postop. spatial vectorcardiography (Pol))
(VECTOCARDIOGRAPHY,
spatial, after commissurotomy (Pol))

STOPCZYK, Mariusz; KORCZAK, Leonard; WAJSZCZUK, Waldemar

Possibility of the application of high tension in spatial vectocardi-
ography. Postepy hig. med. dow. 13 no.3:329-333 1959
(VECTOCARDIOGRAPHY)

ASKANAS, Z.; STOPCZYK, M.; LUKASIK, E.; WAJSZCZUK, W.

On the problem of diagnostic discrepancies of electrocardiograms
and vectorcardiograms. Kardiol. polska 4:261-272 '61.

1. Z IV Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik:
prof. dr Z. Askanas.
(ELECTROCARDIOGRAPHY) (VECTORCARDIOGRAPHY)

WATORSKI, Kazimierz; WAJSZCZUK, Waldemar

Coronary disease among physical workers in the M. Kasprzak Radio
Factory in Warsaw. Postepy hig. med. dosw. 15 no.6:753-758 '61.

1. Z IV Kliniki Chorob Wewnetrznych AM w Warszawie Kierownik:
prof. dr Z. Askanas.
(CORONARY DISEASE statist) (OCCUPATIONAL DISEASES statist)

ASKANAS, Z.; LUKASIK, E.; STASZEWSKA, J.; STOPCZYK, M.; WAJSZCZUK, W.; przy
wspoludziale matematycznym SURY, J.

Vectorcardiographic analysis of the initial segment of the ventricular
complex. Kardiol. Pol. 5 no.2:77-86 '62.

1. Z IV Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof.
dr Z. Askanas.

(VECTORCARDIOGRAPHY)

WALSZEL D.

5772

Mrowec S., Walszel D., Werber T. Corrosion of Iron and Steel at High Temperatures. 4

„Korozja zelaza i stali przy wysokich temperaturach”. Hutnik. No. 1-2, 1958, pp. 26-43, 10 figs., 1 tab.

A discussion of the mechanism of the formation of scale on iron and steel. Scale develops in more than one layer. At temperatures of less than 580°C, there are two layers one of magnetite the other of hematite. Above this temperature there are three layers since the „wüstite” or FeO layer forms in between the unattacked metal and the rest of the scale. The rate at which scale develops is determined by the rate of diffusion of iron loss through the scale. The acceleration of scale above 580°C is due to the formation in the scale of the „wüstite” phase, in which the concentration of empty nodes in the cation grid may amount to 10 per cent at. In accordance with the Wagner-Hauffe theory, such a high concentration of grid defects cannot be reduced to any significant degree by the introduction into the alloy of admixtures forming a solid solution with iron oxides. The resistance of steel to corrosion at high temperatures is directly associated with the temperature at which the „wüstite” phase appears in the scale. The fundamental problem in obtaining good heat resisting steel is the prevention of the formation of the „wüstite” phase in the conditions in which the steel will be used. This can be achieved by using such additions in the alloy as will inhibit the diffusion of iron ions by forming spinel layers or obstructing oxide layers.

300
111

WAJSZEL, D.
PROWEC, S.
WERBER, T.

Oxidation of metallic alloys at high temperatures. p. 709

WIADOMOSCI CHEMICZNE. (Polskie Towarzystwo Chemiczne)
Wroclaw. Vol. 12, no. 11, Nov. 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

P.T.A WAKALSKI, M.

697

629,113 : 6219

Wakalski, M. Workshop Bays for Machining of Motor Vehicle Parts.
„Ginarda obróbki części samochodowych” Przegląd Mechaniczny No. 9, 1950, pp 299-307, 17 figs, 1 tab

The article deals with differences in planning and production process as affected by the arrangement of machine tools in groups and in individual machining bays. After dealing with the arrangement of bays for the machining of motor vehicle parts, the author discusses the preparation of parts for the machining in bays and gives examples for the arrangement of machine tools. Details are also given of observations made in practice, together with the method of rearrangement of a group system into a system of bays, due allowance being made for the conveying equipment. The author discusses working conditions for the staff, and the problem and method of quality control, and goes on to deal with the effect of specialization on the capacity of bays and to advance recommendations as to general planning methods and preparation of the production process.

PTA WAKALSKI, M.

5

1157

621.9.014.5

Wakalski M. Economic Cutting Speed for High-Speed Machining.

„Ekonomiczna szybkość skrawania w obróbce szybkościowej”.
Przegląd Mechaniczny. No. 3, 1931, pp 71—76, No. 4, 1931, pp. 106—
111, 5 figs., 1 tab.

Success and further progress in the application of high-speed cutting depends on taking account of the economics of cutting, together with the economic results of the introduction of this method. Factors to be kept in view when applying high-speed machining. The economic duration of the cutting edge between regrindings is a result of technical organization and economical conditions in industrial plants. Economical machining speed is a necessary condition for minimal manufacturing costs. Economic savings from using tools of sintered carbides can be obtained only when cutting speeds are fixed with a view to the optimal period during which the cutting edge can be kept sharp. Further analysis is necessary to enable the degree of economy of high-speed machining to be judged.

Wolanski M. Machining Days in Large Quantity Serial Production.

"Golefski obróbkí w produkcyj wielkoseryjnej". Przegląd. Mecha-
niczny. No. 1, 1944, pp. 10-12, 3 figs.

In large quantity production, days are concerned with the machi-
ning of various parts technologically similar one to the other. The
author deals with the importance, as regards technological similitude of
such parts, of making an analysis on the basis of which any given com-
ponent can be technologically classified. Attention is drawn to the
fact that gradual synchronization of operations and the discovery of
a production rhythm are essential prerequisites in organizing operation
days. Recommendations are given as to the selection of machine tools
for individual days, planning and production accounting in days, as
well as to organizing quality control. The author stresses the impor-
tance of mechanized transport as between the operations in the days.

WAKEMAN, C.

"Ways of Realizing Recommendations of the 9th Plenum of the Central Committee of the Polish United Workers Party in the Garment Industry."
p. 21, (ONZIEZ, Vol. 5, No. 2, Feb. 1954. Lodz, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC,
Vol. 3, No. 12, Dec. 1954, Uncl.

WAKSMAN, C., IEPLA, K.

Trends in the development of technology and organization of products
of the clothing industry. p. 225

Odzież

Lodz

Vol. 6, no. 6, Nov. 1955

Source: East European Accessions List (EEAL), LC. Vol. 5, no. 3, March 1956

WIKOLIN, J.

"Organization of Water Management", P. 345, (ISPOCENIA WODNA, Vol. 14,
No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (TEML), IG, Vol. 4, No. 5,
May 1955, Uncl.

WAKSMAN, J.

The project of branch instruction on the principles of elaboration of designs and estimates for the building of dams. p. 395.

GOSPODARKA WODNA. (Naczelna Organizacja Techniczna) Warszawa.
Vol. 11, no. 10, Oct. 1954.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 5, no. 7, July 1956.

WAKSMAN, J.

Hydroelectric-power plants in Gospodarka Wodna, 1935-1954. p.12.
GOSPODARKA WODNA (Naczelna Organizacja Techniczna) Warszawa
Vol. 16, no. 1, Jan. 1956

So. East European Accessions List

Vol. 5, No. 9

September 1956

WAKSMUNDZKA, ANTONIJA

Synthesis of 2,4-diaminotoluquinazoline and its derivatives
Part II. 2,4-diaminotoluquinazoline and its derivatives

1955) of 2,4-diaminotoluquinazoline and its derivatives
and 3 g. of 2,4-diaminotoluquinazoline (I) and 3 g. of 2,4-diaminotoluquinazoline (II) were dissolved in 20 ml. of 50% alc. KOH and autoclaved 4 hrs. at 140° and the hydrolyzate dissolved in 20 ml. H₂O, filtered, and acidified with HCl, and crystal. from EtOH gave 2-hydroxy-4-oxo-2,4-diaminotoluquinazoline, m. 243°. I (2 g.) autoclaved 4 hrs. at 160° gave 2,4-dihydroxy-8-methylquinazoline, m. 263°. Di-*o*-tolylquinazoline (2 g. and 1.3 g. of 2,4-diaminotoluquinazoline (I) and 1.3 g. of 2,4-diaminotoluquinazoline (II) were dissolved in 20 ml. of 50% alc. KOH and autoclaved 4 hrs. at 140° and the hydrolyzate dissolved in 20 ml. H₂O, filtered, and acidified with HCl, and crystal. from EtOH yielded 2-oxo-4-oxo-2,4-diaminotoluquinazoline (III), m. 140-2°, mono-HCl salt (IV), m. 140°. IV (2 g.) dissolved in 20 ml. 50% alc. KOH and autoclaved 4 hrs. at 140°, dissolved in H₂O, filtered, acidified with HCl, and re-crystal. from EtOH gave 2-hydroxy-4-oxo-2,4-diaminotoluquinazoline, m. 249-52°. IV (2 g.) autoclaved at 160° gave 2,4-dihydroxy-8-methylquinazoline, m. 263°.

J. Piotrowski

211 MT

BC

Q-1

Connection between dielectric potential and dissociation constant of certain organic bases. A. WAGNER, (Rec. Chem., 1938, 10, 865-866).—The dissociation const. of sur hoc-active bases (o- and p-toluidine, NPhMe₂, cyclohexylamine) is given by $K = 10^{-14-p}$, where p is the p_H at which inflexion of the dielectric potential- p_H curves is observed, at room temp. R. T.

ASH-61A METALLURGICAL LITERATURE CLASSIFICATION

FROM SYNDICATE

FROM SOURCE

SYNDICATE DIV ONE

SYNDICATE DIV TWO

SYNDICATE DIV THREE

SYNDICATE DIV FOUR

SYNDICATE DIV FIVE

SYNDICATE DIV SIX

SYNDICATE DIV SEVEN

SYNDICATE DIV EIGHT

SYNDICATE DIV NINE

SYNDICATE DIV TEN

SYNDICATE DIV ELEVEN

SYNDICATE DIV TWELVE

SYNDICATE DIV THIRTEEN

SYNDICATE DIV FOURTEEN

SYNDICATE DIV FIFTEEN

SYNDICATE DIV SIXTEEN

SYNDICATE DIV SEVENTEEN

SYNDICATE DIV EIGHTEEN

SYNDICATE DIV NINETEEN

SYNDICATE DIV TWENTY

SYNDICATE DIV TWENTY ONE

SYNDICATE DIV TWENTY TWO

SYNDICATE DIV TWENTY THREE

SYNDICATE DIV TWENTY FOUR

SYNDICATE DIV TWENTY FIVE

SYNDICATE DIV TWENTY SIX

SYNDICATE DIV TWENTY SEVEN

SYNDICATE DIV TWENTY EIGHT

SYNDICATE DIV TWENTY NINE

SYNDICATE DIV THIRTY

SYNDICATE DIV THIRTY ONE

SYNDICATE DIV THIRTY TWO

SYNDICATE DIV THIRTY THREE

SYNDICATE DIV THIRTY FOUR

SYNDICATE DIV THIRTY FIVE

SYNDICATE DIV THIRTY SIX

SYNDICATE DIV THIRTY SEVEN

SYNDICATE DIV THIRTY EIGHT

SYNDICATE DIV THIRTY NINE

SYNDICATE DIV FORTY

SYNDICATE DIV FORTY ONE

SYNDICATE DIV FORTY TWO

SYNDICATE DIV FORTY THREE

SYNDICATE DIV FORTY FOUR

SYNDICATE DIV FORTY FIVE

SYNDICATE DIV FORTY SIX

SYNDICATE DIV FORTY SEVEN

SYNDICATE DIV FORTY EIGHT

SYNDICATE DIV FORTY NINE

SYNDICATE DIV FIFTY

SYNDICATE DIV FIFTY ONE

SYNDICATE DIV FIFTY TWO

SYNDICATE DIV FIFTY THREE

SYNDICATE DIV FIFTY FOUR

SYNDICATE DIV FIFTY FIVE

SYNDICATE DIV FIFTY SIX

SYNDICATE DIV FIFTY SEVEN

SYNDICATE DIV FIFTY EIGHT

SYNDICATE DIV FIFTY NINE

SYNDICATE DIV SIXTY

SYNDICATE DIV SIXTY ONE

SYNDICATE DIV SIXTY TWO

SYNDICATE DIV SIXTY THREE

SYNDICATE DIV SIXTY FOUR

SYNDICATE DIV SIXTY FIVE

SYNDICATE DIV SIXTY SIX

SYNDICATE DIV SIXTY SEVEN

SYNDICATE DIV SIXTY EIGHT

SYNDICATE DIV SIXTY NINE

SYNDICATE DIV SEVENTY

SYNDICATE DIV SEVENTY ONE

SYNDICATE DIV SEVENTY TWO

SYNDICATE DIV SEVENTY THREE

SYNDICATE DIV SEVENTY FOUR

SYNDICATE DIV SEVENTY FIVE

SYNDICATE DIV SEVENTY SIX

SYNDICATE DIV SEVENTY SEVEN

SYNDICATE DIV SEVENTY EIGHT

SYNDICATE DIV SEVENTY NINE

SYNDICATE DIV EIGHTY

SYNDICATE DIV EIGHTY ONE

SYNDICATE DIV EIGHTY TWO

SYNDICATE DIV EIGHTY THREE

SYNDICATE DIV EIGHTY FOUR

SYNDICATE DIV EIGHTY FIVE

SYNDICATE DIV EIGHTY SIX

SYNDICATE DIV EIGHTY SEVEN

SYNDICATE DIV EIGHTY EIGHT

SYNDICATE DIV EIGHTY NINE

SYNDICATE DIV NINETY

SYNDICATE DIV NINETY ONE

SYNDICATE DIV NINETY TWO

SYNDICATE DIV NINETY THREE

SYNDICATE DIV NINETY FOUR

SYNDICATE DIV NINETY FIVE

SYNDICATE DIV NINETY SIX

SYNDICATE DIV NINETY SEVEN

SYNDICATE DIV NINETY EIGHT

SYNDICATE DIV NINETY NINE

SYNDICATE DIV HUNDRED

SYNDICATE DIV HUNDRED ONE

SYNDICATE DIV HUNDRED TWO

SYNDICATE DIV HUNDRED THREE

SYNDICATE DIV HUNDRED FOUR

SYNDICATE DIV HUNDRED FIVE

SYNDICATE DIV HUNDRED SIX

SYNDICATE DIV HUNDRED SEVEN

SYNDICATE DIV HUNDRED EIGHT

SYNDICATE DIV HUNDRED NINE

SYNDICATE DIV ONE HUNDRED

SYNDICATE DIV ONE HUNDRED ONE

SYNDICATE DIV ONE HUNDRED TWO

SYNDICATE DIV ONE HUNDRED THREE

SYNDICATE DIV ONE HUNDRED FOUR

SYNDICATE DIV ONE HUNDRED FIVE

SYNDICATE DIV ONE HUNDRED SIX

SYNDICATE DIV ONE HUNDRED SEVEN

SYNDICATE DIV ONE HUNDRED EIGHT

SYNDICATE DIV ONE HUNDRED NINE

SYNDICATE DIV TWO HUNDRED

SYNDICATE DIV TWO HUNDRED ONE

SYNDICATE DIV TWO HUNDRED TWO

SYNDICATE DIV TWO HUNDRED THREE

SYNDICATE DIV TWO HUNDRED FOUR

SYNDICATE DIV TWO HUNDRED FIVE

SYNDICATE DIV TWO HUNDRED SIX

SYNDICATE DIV TWO HUNDRED SEVEN

SYNDICATE DIV TWO HUNDRED EIGHT

SYNDICATE DIV TWO HUNDRED NINE

SYNDICATE DIV THREE HUNDRED

SYNDICATE DIV THREE HUNDRED ONE

SYNDICATE DIV THREE HUNDRED TWO

SYNDICATE DIV THREE HUNDRED THREE

SYNDICATE DIV THREE HUNDRED FOUR

SYNDICATE DIV THREE HUNDRED FIVE

SYNDICATE DIV THREE HUNDRED SIX

SYNDICATE DIV THREE HUNDRED SEVEN

SYNDICATE DIV THREE HUNDRED EIGHT

SYNDICATE DIV THREE HUNDRED NINE

SYNDICATE DIV FOUR HUNDRED

SYNDICATE DIV FOUR HUNDRED ONE

SYNDICATE DIV FOUR HUNDRED TWO

SYNDICATE DIV FOUR HUNDRED THREE

SYNDICATE DIV FOUR HUNDRED FOUR

SYNDICATE DIV FOUR HUNDRED FIVE

SYNDICATE DIV FOUR HUNDRED SIX

SYNDICATE DIV FOUR HUNDRED SEVEN

SYNDICATE DIV FOUR HUNDRED EIGHT

SYNDICATE DIV FOUR HUNDRED NINE

SYNDICATE DIV FIVE HUNDRED

SYNDICATE DIV FIVE HUNDRED ONE

SYNDICATE DIV FIVE HUNDRED TWO

SYNDICATE DIV FIVE HUNDRED THREE

SYNDICATE DIV FIVE HUNDRED FOUR

SYNDICATE DIV FIVE HUNDRED FIVE

SYNDICATE DIV FIVE HUNDRED SIX

SYNDICATE DIV FIVE HUNDRED SEVEN

SYNDICATE DIV FIVE HUNDRED EIGHT

SYNDICATE DIV FIVE HUNDRED NINE

SYNDICATE DIV SIX HUNDRED

SYNDICATE DIV SIX HUNDRED ONE

SYNDICATE DIV SIX HUNDRED TWO

SYNDICATE DIV SIX HUNDRED THREE

SYNDICATE DIV SIX HUNDRED FOUR

SYNDICATE DIV SIX HUNDRED FIVE

SYNDICATE DIV SIX HUNDRED SIX

SYNDICATE DIV SIX HUNDRED SEVEN

SYNDICATE DIV SIX HUNDRED EIGHT

SYNDICATE DIV SIX HUNDRED NINE

SYNDICATE DIV SEVEN HUNDRED

SYNDICATE DIV SEVEN HUNDRED ONE

SYNDICATE DIV SEVEN HUNDRED TWO

SYNDICATE DIV SEVEN HUNDRED THREE

SYNDICATE DIV SEVEN HUNDRED FOUR

SYNDICATE DIV SEVEN HUNDRED FIVE

SYNDICATE DIV SEVEN HUNDRED SIX

SYNDICATE DIV SEVEN HUNDRED SEVEN

SYNDICATE DIV SEVEN HUNDRED EIGHT

SYNDICATE DIV SEVEN HUNDRED NINE

SYNDICATE DIV EIGHT HUNDRED

SYNDICATE DIV EIGHT HUNDRED ONE

SYNDICATE DIV EIGHT HUNDRED TWO

SYNDICATE DIV EIGHT HUNDRED THREE

SYNDICATE DIV EIGHT HUNDRED FOUR

SYNDICATE DIV EIGHT HUNDRED FIVE

SYNDICATE DIV EIGHT HUNDRED SIX

SYNDICATE DIV EIGHT HUNDRED SEVEN

SYNDICATE DIV EIGHT HUNDRED EIGHT

SYNDICATE DIV EIGHT HUNDRED NINE

SYNDICATE DIV NINE HUNDRED

SYNDICATE DIV NINE HUNDRED ONE

SYNDICATE DIV NINE HUNDRED TWO

SYNDICATE DIV NINE HUNDRED THREE

SYNDICATE DIV NINE HUNDRED FOUR

SYNDICATE DIV NINE HUNDRED FIVE

SYNDICATE DIV NINE HUNDRED SIX

SYNDICATE DIV NINE HUNDRED SEVEN

SYNDICATE DIV NINE HUNDRED EIGHT

SYNDICATE DIV NINE HUNDRED NINE

SYNDICATE DIV TEN HUNDRED

SYNDICATE DIV TEN HUNDRED ONE

SYNDICATE DIV TEN HUNDRED TWO

SYNDICATE DIV TEN HUNDRED THREE

SYNDICATE DIV TEN HUNDRED FOUR

SYNDICATE DIV TEN HUNDRED FIVE

SYNDICATE DIV TEN HUNDRED SIX

SYNDICATE DIV TEN HUNDRED SEVEN

SYNDICATE DIV TEN HUNDRED EIGHT

SYNDICATE DIV TEN HUNDRED NINE

SYNDICATE DIV ELEVEN HUNDRED

SYNDICATE DIV ELEVEN HUNDRED ONE

SYNDICATE DIV ELEVEN HUNDRED TWO

SYNDICATE DIV ELEVEN HUNDRED THREE

SYNDICATE DIV ELEVEN HUNDRED FOUR

SYNDICATE DIV ELEVEN HUNDRED FIVE

SYNDICATE DIV ELEVEN HUNDRED SIX

SYNDICATE DIV ELEVEN HUNDRED SEVEN

SYNDICATE DIV ELEVEN HUNDRED EIGHT

SYNDICATE DIV ELEVEN HUNDRED NINE

SYNDICATE DIV TWELVE HUNDRED

SYNDICATE DIV TWELVE HUNDRED ONE

SYNDICATE DIV TWELVE HUNDRED TWO

SYNDICATE DIV TWELVE HUNDRED THREE

SYNDICATE DIV TWELVE HUNDRED FOUR

SYNDICATE DIV TWELVE HUNDRED FIVE

SYNDICATE DIV TWELVE HUNDRED SIX

SYNDICATE DIV TWELVE HUNDRED SEVEN

SYNDICATE DIV TWELVE HUNDRED EIGHT

SYNDICATE DIV TWELVE HUNDRED NINE

SYNDICATE DIV THIRTEEN HUNDRED

SYNDICATE DIV THIRTEEN HUNDRED ONE

SYNDICATE DIV THIRTEEN HUNDRED TWO

SYNDICATE DIV THIRTEEN HUNDRED THREE

SYNDICATE DIV THIRTEEN HUNDRED FOUR

SYNDICATE DIV THIRTEEN HUNDRED FIVE

SYNDICATE DIV THIRTEEN HUNDRED SIX

SYNDICATE DIV THIRTEEN HUNDRED SEVEN

SYNDICATE DIV THIRTEEN HUNDRED EIGHT

SYNDICATE DIV THIRTEEN HUNDRED NINE

SYNDICATE DIV FOURTEEN HUNDRED

SYNDICATE DIV FOURTEEN HUNDRED ONE

SYNDICATE DIV FOURTEEN HUNDRED TWO

SYNDICATE DIV FOURTEEN HUNDRED THREE

SYNDICATE DIV FOURTEEN HUNDRED FOUR

SYNDICATE DIV FOURTEEN HUNDRED FIVE

SYNDICATE DIV FOURTEEN HUNDRED SIX

SYNDICATE DIV FOURTEEN HUNDRED SEVEN

SYNDICATE DIV FOURTEEN HUNDRED EIGHT

SYNDICATE DIV FOURTEEN HUNDRED NINE

SYNDICATE DIV FIFTEEN HUNDRED

SYNDICATE DIV FIFTEEN HUNDRED ONE

SYNDICATE DIV FIFTEEN HUNDRED TWO

SYNDICATE DIV FIFTEEN HUNDRED THREE

SYNDICATE DIV FIFTEEN HUNDRED FOUR

SYNDICATE DIV FIFTEEN HUNDRED FIVE

SYNDICATE DIV FIFTEEN HUNDRED SIX</

2

Electrocapillary properties of the aqueous solutions of pyridine and quinoline and some of their derivatives at different hydrogen-ion concentrations. Andrzej Waksmundski. *Ann. Univ. Mariae Curie-Skłodowska Lublin-Polenia*, Sect. AA, 1, 7-22 (1946) (English summary).—The surface potentials and surface tensions of pyridine, 2-picoline, 3-picoline, 2,4,6-trimethylpyridine, quinoline, isoquinoline, quinazoline, lepidine, and 1,2,3,4-tetrahydroquinoline were detd. in aq. solns. of various concns. and at various pH. The expd. results (presented in tables) are discussed. H. H. Raimant

2

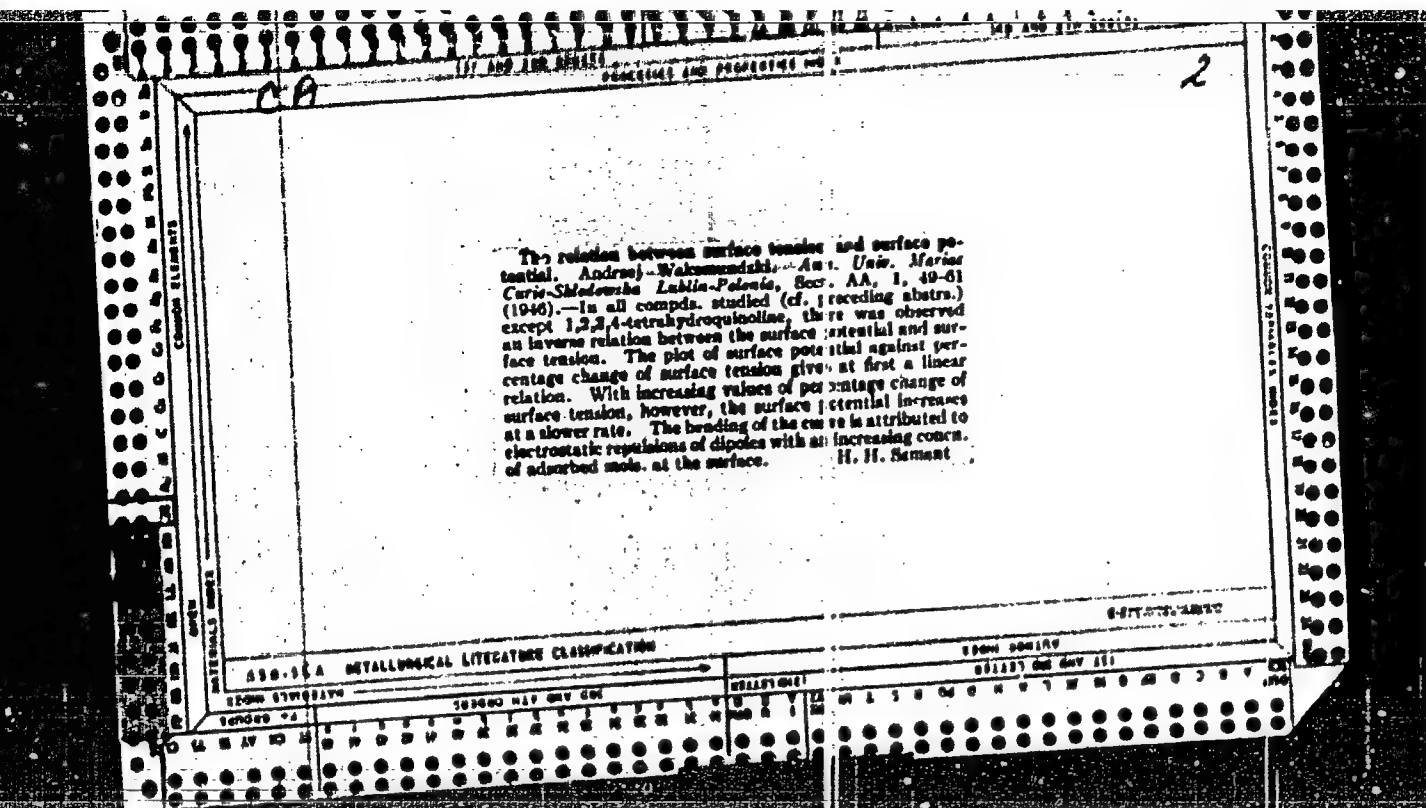
Effect of the size and constitution of molecules on surface phenomena. Andrzej Waksmundski, *Ann. Univ. Mariae Curie-Skłodowska Lublin-Polon.*, Sect. AA, 1, 29-47(1946)(English summary).—The surface potentials and surface tensions of piperidine, acridine, and phenanthroline on various surfaces, and the effect of various pit were detd. The effect of chem. structure on surface phenomena is discussed. H. H. Samant

ACR-ALA METALLURGICAL LITERATURE CLASSIFICATION

FROM TYPELINE

FROM BOMBAY

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



Handwritten: 2

Messuring the surface tension by tensions in. Andrej Waksmanski. Ann. Univ. Mariae Curie Skłodowska Lublin-Polesia, Sect. AA, 2, 120-81 (1947) (English summary).—The surface tensions of 0.01 M quinine and 0.004 M cinchonidine were measured by a r.g.-detachment method. The result was 13% different from previous stalagmometric and dielec.-potential measurements. Thus it was proved that the tensiometric method cannot be applied to soles. of high mol. wt., particularly to colloids, unless some specific conditions are strictly observed. Results of surface-tension measurements at various H-ion concns. are presented in graphs. Statistical and stalagmometric values are different, owing to the surface adsorption of mols. of quinine-HCl and then of the free base, being liberated by gradual addn. of KOH to the sole.

J. Nowinska

CA

2

Surface tension of aqueous solutions of pyridine and of some of its methyl derivatives. Andrzej W. Wyszynski. *Ann. Univ. Mariae Curie-Skłodowska Lublin-Polonia. Ser. AA*, 5, No. 1, 63-68 (1960) (English summary).—In-
vestigated were pyridine, 2-picoline, 3-picoline, 2,6-lutidine, 2-collidine, and piperidine in concns. of 0.001-0.1 mol/l. at 25°. The curves obtained for σ vs. change in the electric potential ($\Delta\phi$) with concn. (c) are expressed well by the Langmuir equation. Although the dipole moments of these substances vary, they all had very similar limiting values of their potentials. By expanding the electrocapillary activity of these compounds by the Langmuir equation it could be seen that the electrocapillary activity was detd. by the increase in molar group in a mol. and by change in its asymmetry. The size of this mol. and the asymmetry affected the surface tension in a similar manner. Further were noted the no. of adsorbed units per sq. cm. (Γ) at a given concn. and the same for a mol. surface. From these were noted the area occupied by a gram-mol. of adsorbed substance and by a single unit. It is said, since this area depended not only on the kind of polar group but on the vol. and shape of the hydrophobic group as well. Next was computed the vertical component of the electric moment for oriented units in the surface film. The ratio $\Delta\phi/\Gamma$ was not const. For 2-picoline and 2,6-lutidine this ratio increased with concn., whereas for 2-collidine and pyridine it first decreased and then increased. M. Hlozek

1707

Chrom. Abs.
1951

• Chromatographic adsorption. Andrzej W. Kowalski
(Curie-Skłodowska Univ., Lublin, Poland). *Wiedomosci*
Chem. J. 100-83(1919).—A review with 31 references.
Adam Borsyński

2

CA

Properties of adsorbed layers of quinoline and some methyl derivatives of quinoline at the surface of their aqueous solutions. Andrzej Wątruski (Univ. Maria Curie-Skłodowska, Lublin, Poland). *Ann. Inst. Maria Curie-Skłodowska, Lublin-Poland*, Sect. AA, 4, 1, 1951, 1-10, in English. 64-641840X Pub. 1951).-- Surface tension and surface potential variations in aq. solns. of quinoline and surface potential of quinoline compounds. The limiting value of surface potential of quinoline compounds is not constant; in all, as it is in case of compounds of aliphatic homologous series. This fact probably has a connection with different values of the vertical component of the elev. moment of oriented mols. Curves of solns. were investigated from dil. to satd. state. Lowering of surface tension is a function of concn. and reaches its max. in satd. soln. ... Sylwia Nowinska

WAKSMUNDZKI, A.

Analytical Abst.
Vol. 1 No. 4
Apr. 1954
Inorganic Analysis

Chem. abstr.
Vol. 48, No. 9
May 10, 1954

377. Phenylhydroxy-acids as reagents in inorganic analysis. I. Mandelic acid as reagent for lead ions.
A. Waksmundzki and J. Szucki (*Ann. Univ. M. Curie-Skłodowska, A.1*, 1951, 6, 63-72).—Results of conductimetric and gravimetric determinations of Pb⁺⁺ in 50% cent. ethanol soln. show that mandelic acid can be used for quant. estimation of Pb⁺⁺. The formula of the ppt. obtained by adding mandelic acid to Pb(NO₃)₂ has been established as Pb(OOC-CHOH-C₆H₅)₂. From Pb acetate soln. mandelic acid precipitates Pb(OOC-CHOH-C₆H₅)₂, Pb(OOC-CH₃)₂.

S. K. LACHOWICZ

WAKSMUNDZKI, A.

7
Paper chromatography of nitrotoluidines. A. Waks-
mundzki and Jaroslaw Ogiński. Chem. Abstr. (Warsaw) 6,
115-17 (1959) (English summary).—Sepn. of isomeric nitro-
toluidines (I) by paper chromatography is described.
Whatman No. 3, paper wetted with H₂O and air-dried
at room temp. was used. A 0.5% C₆H₆ soln. of I were
put on the strip 3.5 cm. from one edge. Hexane satd.
with H₂O was used as mobile phase. The chromato-
gram was run to 18 cm. (about 1.5 hr.). 12 spots were
found without developer. The term of coef. of moisture
(W₀), defined as the wet/dry wt. ratio of paper was intro-
duced. The best sepn. was obtained when W₀ = 1.45-
1.51. R_f values were: 0.95, 0.90, 0.78, 0.61 for 4-nitro-*m*-
toluidine, 3-nitro-*o*-toluidine, 3-nitro-*p*-toluidine, *o*-nitro-
aniline; 0.59, 0.30 for 6-nitro-*o*-toluidine and 2-nitro-*p*-
toluidine (II); 0.46, 0.25 for 4-nitro-*o*-toluidine (III) and *m*-
nitroaniline; 0.22, 0.16, 0.05, and 0.03 γ for 6-nitro-*m*-
toluidine, 6-nitro-*o*-toluidine, 2-nitro-*m*-toluidine and *p*-
nitroaniline. Good results were obtained in sepn. III
(R_f 0.46) and II on paper wetted with 5% aq. HCOOH;
the R_f were 0.27 for III and 0.10 for II. The effect of sub-
stitution position in the benzene ring on R_f of amines is
discussed. Z. Kurtzka-

3
2 May
4:52c (p)
4E 3d

sw
11

50

WAKSMUNDZKI, A. ; OSCIK, J.

Paper chromatography of nitrotoluidines. p. 113.

CHIMIA ANALITYCZNA. Warszawa, Poland. No. 8, August 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11
November 1959.

Uncl.

WAKSMUNDZKI, Andrzej; SOCZEWINSKI, Edward

Parameters influencing R_f values of organic amphoteric substances
buffered paper chromatography. Roczniki chemii 33 no.6:1423-1430 '59.
(EEAI 9:9)

1. Zaklad Chemii Fizycznej Uniwersytetu Marii Sklodowskiej-Curie,
Lublin i Zaklad Chemii Nieroganicznej Akademii Medycznej, Lublin.
(Organic compounds) (Chromatography)
(Amphoteric substances)

WAKSMUNDZKI, Andrzej; SZCZYPA, Jerzy

The magnitude of the potential of fluorite powder electrodes
in the presence of flotation reagents. Przem chem 39 no.6:
330-332 Je '60.

1. Pracownia Zakladu Fizykochemii Zjawisk Powierzchniowych,
Polska Akademia Nauk, Lublin

WAKSMUNDZKI, Andrzej; BARCICKA, Anna;

Influence of adding of non-polar liquid upon the collecting capacity of cation collectors in the process of quartz flotation. Przem chem 39 no.12:773-776 D '60.

1. Pracownia Zakladu Fizykochemicznych Zjawisk Powierzchniowych, Polska Akademia Nauk, Warszawa

WAKSMUNDZKI, Andrzej; PRZYBOROWSKA, Maria

Chromatographic determination of the content of quinoline bases in stripping oil. Ann. Univ., Lublin sect.D 16:183-187 '61.

1. Z Katedry i Zakladu Chemii Nieorganicznej Wydzialu Farmaceutycznego Akademii Medycznej w Lublinie Kierownik: prof. dr Andrzej Waksmundzki.
(QUINOLINES) (OIL)

WAKSIUNDZKI, A.

SURNAME (in caps); Given Name

Country: Poland

Academic Degrees: Not stated

Affiliation: Department of Physical Chemistry, Lublin University
(Zakład Chemii Fizycznej, Uniwersytet, Lublin)

Source: Warsaw, Bulletin de l'Académie Polonaise des Sciences, Série des Sciences Chimiques, Vol 9, No 3, Mar 61, pp 155-158.

Data: "A Paper Chromatography Method for Determination of Suitable Solvent Systems for Countercurrent Distribution. A. Theoretical Considerations."

Co-author:

SOCZEWINSKI, E., Academic degrees not stated, Department of Inorganic Chemistry, Academy of Medicine (Zakład Chemii Nieorganicznej, Akademia Medyczna), Lublin.

SOCZEWINSKI, E.; WAKSMUNDSKI, A.

On the relation between the R_f coefficient and hydrogen ion concentration in buffered paper chromatography. Bul chim PAN 9 no.6:445-449 '61.

1. Department of Inorganic Chemistry, Medical Academy, Lublin and Department of Physical Chemistry, University, Lublin. Presented by B. Kamienski.

WAKSMUNDSKI, A.; RATAJEWICZ, Z.

The use of the dynamic condenser method for measurement of electric potentials on solid insulator - water solution interfaces. Bul chim PAN 9 no.6:451-453 '61.

1. Laboratory of Physical Chemistry of Surface Phenomena, Lublin and Institute of Physical Chemistry, Polish Academy of Sciences. Presented by B. Kamiński.

L 05309-67 ENT(j) RM
ACC NR: AF7000216 (N) SOURCE CODE: 10/0099/66/040/002/0265/0270

WAKSMUNDZKI, A. and GROSS, J., of the Department of Physical Chemistry, M. Curie-Sklodowska University (Katedra Chemii Fizycznej Uniwersytetu M. Curie-Sklodowskiej) Lublin.

" R_f and R_m Coefficients of Some Naphthols in Systems of the Type: Nonpolar Solvent-Dimethylsulphoxide - Glycerol"

Warsaw, Roczniki Chemii, Vol 40, No 2, 1966, pp 265 - 270

Abstract (Authors' English abstract): The relationship between R_f and R_m coefficients of some naphthols and the composition of the polar or non-polar phase were determined. In most cases the R_m coefficients were found to be additive in respect to the composition of the mixed phase. Orig. art. has: 5 figures.

[JPRS: 36,002]

TOPIC TAGS: organic solvent, glycerol, DMSO

SUB CODE: 07 / SUBM DATE: 13 Apr 65 / ORIG REF: 004 / OTH REF: 008

KH

Card 1/1

WAKSMUNDZKI, Andrzej; BARCICKI, Janusz

Determination of the optimal solvent system for Craig's method from paper chromatographic data. I. Roczniki chemii 35 no.5:1363-1372 '61.

1. Department of Physical Chemistry, M. Curie-Skłodowska University, Lublin and Department of Inorganic Chemistry, Medical Academy, Lublin.

WAESMUNDZKI, Andrzej; BARCICKI, Janusz

Physico-chemical processes in the system: mixed collector(oleic acid kerosene) — alkaline aqueous solution. Roczniki chemii 35 no.5:1373-1380 '61.

1. Laboratory of the Department of Physico-chemical Surface Phenomena, Institute of Physical Chemistry, Polish Academy of Sciences, Lublin.

WAKSMUNDSKI, Andrzej; RATAJEWICA, Zbigniew

Measurements of electrical surface potentials using the dynamic condenser method. *Rocz chemii* 35 no.6:1717-1726 '61

1. Pracownia Zakladu Fizykochemii Zjawisk Powierzchniowych, Instytut Chemii Fizycznej, Polska Akademia Nauk, Lublin.

WAKSMUNDZKI, Andrzej; OSCIK, Jaroslaw; MATUSEWICZ, Janusz; NASUT, Romuald;
ROZYLO, Jan

Structure of silica gels, specifically adsorbing pyridine,
quinoline and acridine. Pt. 1. Przem chem 40 no.7:387-390
Jl '61.

1. Katedra Chemii Fizycznej, Uniwersytet im. M. Curie-
Sklodowskiej, Lublin.

NASUTO, Romuald; WAKSMUNDZKI, Andrzej; OSCIK, Jaroslaw; ROZYLO, Jan

The heat of wetting specifically active silica gels with some organic solvents. Przem chem 40 no.8:432-433 Ag '61.

1. Katedra Chemii Fizycznej Uniwersytetu im M. Curie-Skłodowskiej Lublin.

WAKSMUNDZKI, Andrzej; OSCIK, Jaroslaw; NASUTA, Romuald; ROZYLE, Jan

The structure of pyridine adsorption layers on silicagels specifically activated with respect to some heterocyclic bases. Przem chem 40 no.9: 527-529 S '61.

1. Katedra Chemii Fizycznej, Uniwersytet im, Curie-Sklodowskiej,
Lublin.

WAKSMUNDSKI, Andrzej; OSCIK, Jaroslaw; ROZYLO, Jan; NASUTO, Romuald

Energetic effects of pyridine adsorption on silicagels specifically activated with respect to some heterocyclic bases. *Przem chem* 40 no.10:565-567 0 '61.

1. Katedra Chemii Fizycznej, Uniwersytet im. M. Curie-Sklodowskiej, Lublin.

BARCICKI, Janusz; WAKSMUNDZKI, Andrzej; MARUSZAK, Edward

A new method of measuring directly the adhesive force between a mineral particle and an air bubble during elementary flotation processes. *Chemia stosow* 6 no.1:99-106 '62.

1. Instytut Chemii Fizycznej, Polska Akademia Nauk, Pracownia Zakladu Fizykochemii Zjawisk Powierzchniowych, Lublin, i Zespola Katedra Chemii Fizycznej i Technologii Chemicznej, Uniwersytet im. Marii Curie-Sklodowskiej, Lublin.

WAKSMUNDZKI, Andrzej; SOCZEWINSKI, Edward; PRZYBOROWSKA, Maria

The factor R_f of organic electrolytes in linear and circular chromatography by means of the buffered filter paper method.
Chem anal 7 no.5:989-993 '62.

1. Department of Inorganic Chemistry, Academy of Medicine, Lublin.

WAKSMUNDZKI, Andrzej; SUPRYNOWICZ, Zdzislaw; PIETRUSINSKA, Teresa

The effect of stationary phase composition on the separation of
some saturated hydrocarbons by gas-liquid partition chromatography.
Chem anal 7 no.6:1043-1050 '62.

1. Department of Physical Chemistry, M.Curie-Sklodowska University,
Lublin.

WAKSMUNDZKI, Andrzej; SUPRYNOWICZ, Zdzislaw; MANKO, Regina

Zircon concentrates as a supporting material in gas-liquid partition chromatography. Chem anal 7 no.6:1051-1058 '62.

1. Department of Physical Chemistry, M. Curie-Sklodowska University,
Lublin.

WAKSMUNDZKI, Andrzej; RATAJEWICZ, Danuta; SOCZEWSKI, Edward

A rapid method for the chromatographic analysis of mixtures of
brucine and strychnine. Acta pol. pharm. 19 no.1:44-47 '62.

1. Z Katedry Chemii Nieorganicznej Wydziału Farmaceutycznego Akademii
Medycznej w Lublinie Kierownik: prof. dr A. Waksmundzki.
(ALKALOIDS chem) (STRYCHNINE chem)

WAKSMUNDZKI, Andrzej; KACZOR, Maria

Partition by means of paper chromatography of adrenalin racemate into optically-active isomers. Acta pol. pharm. 19 no.2:142-147 '62.

1. Z Zakladu Chemii Nieorganicznej Wydzialu Farmaceutycznego Akademii Medycznej w Lublinie Kierownik Zakladu: prof. dr. A. Waksmundzki.

(CHROMATOGRAPHY) (EPINEPHRINE chem)

JUSIAK, Leon; SOCZEWINSKI, Edward; WAKSMUNDZKI, Andrzej

Partition of chelidonine and protopine by means of countercurrent cascade extraction. Acta pol. pharm. 19 no.3:193-198 '62.

1. Z Zakladu Chemii Nieorganicznej Akademii Medycznej w Lublinie

Kierownik: prof. dr. A. Waksmundzki.
(CHELIDONIUM chem) (ALKALOIDS chem)
(CHROMATOGRAPHY)

WAKSMUNDZKI, A.; SOCZEWSKI, E.; SUPRYNOWICZ, Z.

On the relation between the composition of the mixed stationary phase and the retention time in gas-liquid partition chromatography.
Coll Cz Chem 27 no.8:2001-2006 Ag '62.

1. Department of Physical Chemistry, University Lublin, Poland.

S/081/63/000/001/028/061
B144/B186

AUTHORS: Wakamundzki, Andrzej, Ratajewicz, Zbigniew

TITLE: Measurements of electrical surface potentials using dynamic capacitors

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1963, 99, abstract 1B690 (Roczn. chem., v. 35, no. 6, 1961, 1717-1726 [Pol.; summaries in Russ. and Eng.])

TEXT: The surface potentials (SP) of water and aqueous solutions of KCl (0.01-0.1 N) were measured with a dynamic capacitor in the presence of pyridine, picoline and quinoline. The data obtained are not consistent with the SP determined previously by one of the authors by the flow method. This inconsistency is explained by a suggestion that volatile surfactants are adsorbed on the surface of the metal plates of the capacitor. This hypothesis offers an explanation for the change of the SP sign with low surfactant concentrations, and is confirmed by measurements of the time-dependence of surface potentials. [Abstracter's note: Complete translation.] ✓

Card 1/1

WAKSMUNDZKI, Andrzej; OSCIK, Jaroslaw; ROZYLO, Jan; N'SUTO, Romuald

Influence of the drying conditions of hydrogels on the change of the adsorption capacity of specific silicagels. Przem chem 41 no.3:129-130 Mr '62.

1. Katedra Chemii Fizycznej Uniwersytetu im. Marii Curie Sklodowskiej

WAKSMUNDZKI, Andrzej; BARGICKA, Anna; DOBROWOLSKI, Juliusz; NOWAK, Maciej

Studies on flotation deactivation of quartz activated with iron ions. Przem chem 41 no.5:265-268. My '62.

1. Katedra Chemii Fizycznej, Uniwersytet im. M. Curie-Skłodowskiej,
Lublin 1
Instytut Badaw Jadrowych, Warszawa.

WAKSMUNDZKI, Andrzej; SOCZEWSKI, Edward; RATAJEWICZ, Danuta

Chromatographic separation of some acridine derivatives. Chem
anal 8 no.1:103-106 '63.

1. Department of Inorganic Chemistry, Faculty of Pharmacy,
Academy of Medicine, Lublin.

WAKSMUNDZKI, Andrzej; ROZYLO, Jan; OSCIK, Jaroslaw

Thin-layer chromatography of nitroanilines. Chem anal 3 no.6:
965-970 '63.

1. Department of Physical Chemistry, M.Curie-Sklodowska University,
Lublin.

WAKSMUNDZKI, Andrzej; WAWRZYNOWICZ, Teresa; WOLSKI, Tadeusz

Studies on the chromatographic separation of the intermediate and final products of 5-Mercaptopurine synthesis. Acta pol. pharm. 20 no.3:259-264 '63.

1. Z Katedry Chemii Nieorganicznej Wydziału Farmaceutycznego Akademii Medycznej w Lublinie Kierownik: prof. dr A. Waksmundzki.
(MERCAPTOPURINE) (CHROMATOGRAPHY)

WAKSMUNDZKI, Andrzej, prof. dr; PRZESZLAKOWSKI, Stanislaw, mgr

Application of 2-thio-4-amino-5-nitroso-6-hydroxypyrimidine to
the colorimetric determination of some metals. Pt.1. Chem anal
9 no.1:69-76 '64.

1. Department of Inorganic Chemistry, Medical Academy, Lublin.

POLAND

WAKSMUNDZKI, Andrzej, prof. dr; RATAJEWICZ, Danuta, dr.

Dept. of Inorganic Chemistry, Pharmaceutical Section,
Lublin Medical Academy (Katedra Chemii Nieorganicznej
Wydziału Farmaceutycznego Akademii Medycznej, Lublin)
(for both)

Warsaw, Chemia analityczna, No 6, Nov-Dec 1965, pp 1129-31

"Influence of the organic phase type on the course of
the dependence $R_p = f(\text{pH})$ of some acridine derivatives."

POLAND

WAKSMUNDZKI, Andrzej; HOZYLO Jan.

Department of Physical Chemistry, M. Curie-Skłodowski
University of Lublin (Katedra Chemii Fizycznej Uni-
wersytetu M. Curie-Skłodowskiej w Lublin)-(for both)

Warsaw, Chemia analityczna, No 2, March-April 1966,
pp 433-440

"Recommendations on thin-layer chromatography nomen-
clature."

WAKULA - MN

629.123.4-84

3703

Wakula W. M. S. „Gdańsk” — 4000 DWT General Cargo Vessel.
„Drobńalcowiec motorowy 4000 tów m/s Gdańsk”. Technika i Gospo-
darka Morska. No. 7, 1954, pp. 203—210, 11 figs.

Detailed technical description of the general cargo vessel M.S.
„Gdańsk” — one of a series being built in Polish shipyards to the order
of the Levant Line. Length between perpendiculars — 104.5 m; gross ton-
nage — 3222; engine — 3820 HP. Review of the steel construction of
the hull, deck equipment, holds and living quarters, and engine room.
With the article are photographs of the vessel, together with general
and engine room plans, righting arm curves for three states of load line
and cross-sectional arrangement of the hull.

WAKULA, Witold, mgr., inz.

Exploitation of the Kasprowy tanker after her general overhaul. Tech
gosp morska 11 no.7/8:216-217 '61. (EZAI 10:9/10)

1. Biuro Konstrukcyjne Taboru Morskiego, Gdansk.

(Tankers)

WAKULICZ, A.

Error propagation of multisheet schemes for quasi-linear hyperbolic differential equations. Bul Ac Pol mat 11 no.2:55-59 '63.

1. Institute of Mathematics, Polish Academy of Sciences,
Warsaw. Presented by T. Wazewski.

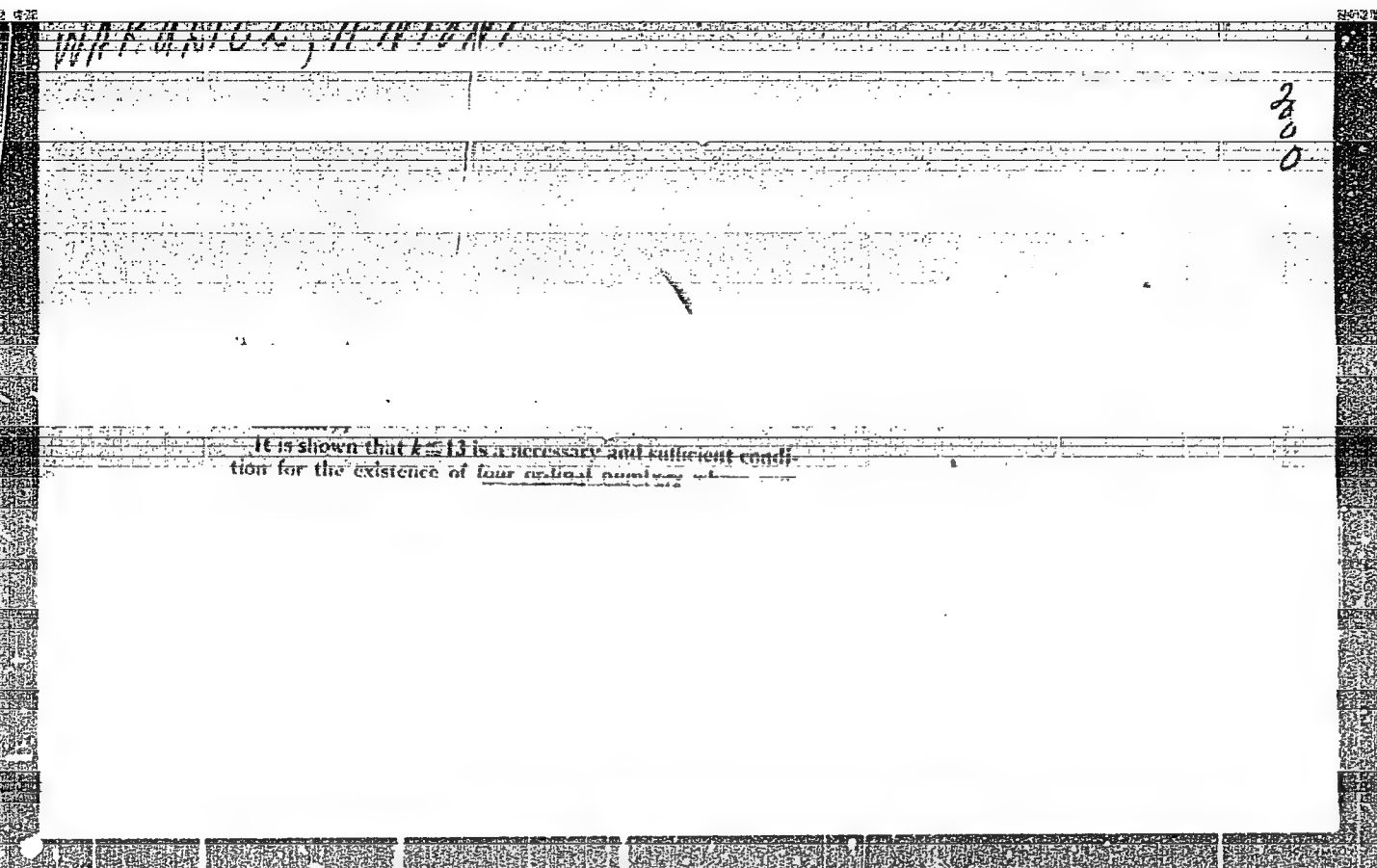
WAKULICZ, A.

Convergence theorems of finite difference schemes for quasi-linear hyperbolic differential equations. Bul Ac Pol mat 11 no.2:61-65 '63.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.
Presented by T. Wazewski./

BURNAT, M.; KIELBASINSKI, A.; WAKULICZ, A.

The method of characteristics for a multidimensional gas flow. Archiw mech 16 no.2:179-187 '64.



WAKULICH, A.

Polynomials in x which Assume Integral Values for Integral x
Byull. Pol'sk AN, Vol 2, No 3, 1954, pp 107-109

The author demonstrates the form a polynomial of degree n must have in order that it assume integral values for all integral values of the variable. This generalizes the work of the American mathematicians L. Dickson (1928) and R. James (1934). (RZhMat, No 5, 1955)

SO: Sum. No. 639, 2 Sep 65

13. Pawlak, Z., and Wakulicz, A., Use of expansions with a negative basis in the arithmetic of a digital computer (in Russian), *Bull. Acad. Polonaise Sci. Cl. III* 5, 233-236, 1957.

The authors suggest the use of a negative basis for representing numbers in a computer in order to obtain a uniform treatment of all the bits within the arithmetic unit. The possibility of such a representation is based on the theorems that every real number α possesses an expansion with an integer basis $g < -1$ and that this expansion is unique if it is finite or in the case of infinite expansions, if the number α is not of the form

$$\alpha = E(g^k/(1-g)) + Cg^{k+1} \quad (E = \pm 1, C, k \text{ integers}).$$

The numbers satisfying this relation have two distinct infinite expansions. The algorithms for addition, subtraction, multiplication and division are discussed. These operations are somewhat more complicated than in the case of a positive basis, particularly the division. Further, the 0 in the case of fixed point numbers is not at the center of the interval, thus avoiding the difficulty of "+0" and "-0."

The authors claim that since their system allows to treat all the bits of a number uniformly (no special sign position) the number of circuits in the arithmetic unit with different functions can be reduced.

U. W. Hochstrasser, USA

Courtesy of Mathematical Reviews

WAKULICZ, Jerzy, mgr inż.

Research on the noisiness of combustion locomotives. Przegl
kolej mechan 13 no.7:203-204, 213-217 JI '61.

WAL, Witold

Possibilities of determining the degree of tacticity of
polymers by physical methods. Pt.2. Polimery tworzą
wielk 9 no.10:405-410 0 '64.

1. Laboratory of Physics of Polymers of the Department of
Technical Physics of the Institute of General Chemistry,
Warsaw.

WAL, Witold

Effect of conditions for sample preparation on the degree of orientation of polypropylene. Polimery tworzywa 10 no.2: 52-55 F '65.

1. Laboratory of Physics of Polymers of the Department of Technical Physics of the Institute of General Chemistry, Warsaw. Submitted July 11, 1964.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430004-3

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430004-3"

WALA, ANTONI

Potassium magnesium salts in Nowoclaw and Wapno.
Jurek Kobuszko, *Acta Geol. Polon.* 6, 1971, 65.
Mining Met., Krakow). Also Geol. Polon. 6, 1971, 65.
described in the salt de-

Wala, A.; Prochazka, K.

Dolomitic salt in the Wieliczka deposits. p. 105.

ANNALES. SECTIO B: GEOGRAPHIA, GEOLOGIA, MINERALOGIA ET PETROGRAPHIA. Lublin,
Poland, Vol. 29, no. 1, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

WALA, T.

"The Barographic Record Foretells ", P. 252, (KRIDLA VLASTI, No. 11,
May 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

WALA, T.

McCready's disk and its use. p. 123.
KRIDL VLASTI, Praha, No. 3, Apr. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

WALA, T.

The tube of an air-speed indicator. p. 152. (Kridla Vlasti, No. 5, Mar 1957,
Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

WALA, T.

A tail assembly in the form of a butterfly. p. 201. (Kridla Vlesti, No. 7, Apr 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

FOR NDAI, Miron, 191 02; 191A, Alojzy, 192.

development trends in the design of lifting equipment in general
and apartment buildings. pt. 2. Wiat elektryczna 93 no. 1 352-355
n 164.

1. Association of Cable and Electrical Engineering Equipment Industry,
Warsaw (for Alojzy). 2. Electrical Engineering Equipment Factory,
Warsaw (for Miron).

MORZYCKI, Witold, mgr inż.; WALA, Alojzy, inż.

Development trends of designing electric installations and equipment in apartments and general buildings. Pt.1. Wied elektrotechn 33 no.10:292-295 0 '64.

1. Association of Cable and Electric Equipment Industry, Warsaw (for Morzycki). 2. Office of Development Design "Kontakt" Electric Equipment Factory, Warsaw (for Wala).

P. T. K.
WALACH, K.

669 04

283

Walach K., Eng. Mechanical Furnaces.

"Piece mechanizatsiya", Hutnik. No 1-2, 1949, pp. 38-44, 6 figs.
By the construction of the mechanical furnace, the hard work entailed by the loading of the charge into the furnace, shifting and withdrawing it, has been eliminated. The only suitable constructional material is heat-resisting steel. Therefore, mechanical furnaces can be used for all kinds of heat-treatment involving temperatures not exceeding 1050°C or thereabouts, and in exceptional cases up to 1100°C. By adopting a system of top and bottom heating, an entirely uniform temperature distribution has been obtained, as well as a considerably increased radiating surface. The fuel consumption in a mechanical furnace is very similar to that in a continuous furnace, and in certain instances even smaller. The heat losses in this type of furnace are higher than in a continuous furnace, but this is offset by lower working temperature and smaller flue losses. The further development of mechanical furnaces to work at temperatures in excess of 1100°C will proceed along the lines of combining heat-resisting steel with a suitable refractory material. The author deals with 6 groups of mechanical furnaces at present in use, giving details of their features, nature of work for which they are intended, performance and financial return.

BIALAS, Zabiwn, A.; SKULSKA, E.; WALACH, Z.

Relative line strengths in the doublets of the spark spectra of
Mg II, Ca II, Sr II, and Ba II. Acta physica Pol 25 no.2:175-
183 '64.

1. Institute of Physics of the Jagiellonian University, Krakow.

WALAJTYS, Leon, inż.

Problems of urban cable networks. Energetyka Pol
16 no.9:264-267 S '62.

1. Zaklad Energetyczny Warszawa-Miasto, Warszawa.

WALAS, Antoni

Problems of legislation on labor relations. Prac. zabezp spol 5
no.5:1-11 My '62.

WALASEK, Antoni, inz.

The State Insurance Bureau participates in the development of collective
farmhouse building. Budown Wiejskie 14 no.4:13-14 Ap '62.

HIMMEL, Andrzej; TKACZEWSKI, Wladyslaw; PRZEDLACKI, Janusz; WALASEK, Lech;
PLONKA, Andrzej

Evaluation of single administrations of polythiazide in normal
subjects. Pol. tyg. lek. 19 no.49:1873-1874 7 D '64

1. Z III Kliniki Chorob Wewnętrznych Wojskowej Akademii Medycznej
w Łodzi (kierownik: dr. med. Andrzej Himmel).

HIMMEL, Andrzej; PRZEDLACKI, Janusz; TKACZEWSKI, Wladyslaw; WALASEK, Lech

Evaluation of thiazide-induced antidiuresis during water diuresis.
Pol. arch. med. wewnet. 34 no.9:1177-1181 '64

1. Z III Kliniki Chorob Wewnętrznych Wojskowej Akademii Medycznej
(Kierownik: prof. dr. med. A. Himmel)

ACC NR: AP6032359

(A)

SOURCE CODE: PO/0035/66/000/014/0443/0443

INVENTOR: Rada, Tadeusz (Master Engineer); Golobioski, Slawomir; Walasek, Miroslaw

ORG: Center for Motor Transportation Research, ^{Ungesma} (Osrodek Badan Transportu Samochodowy)

TITLE: Testing diaphragm type fuel pumps for light fuels PO Pat. No. 50697

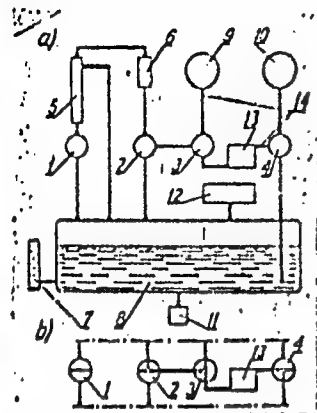
SOURCE: Przegląd mechaniczny, no. 14, 1966, 443

TOPIC TAGS: fuel injection, pump, ~~test~~ test facility, test method, *ENGINE FUEL*

ABSTRACT: The invention is a device for testing diaphragm feed pumps for light fuels driven by the shaft of a control engine or the shaft of an injection pump. The device, intended for testing diaphragm pumps of all types of motor vehicles, can constitute the equipment of a service station and of automobile repair establishments. The testing routine for pumps includes measurement of the vacuum at the suction end, measurement of the pressure at the delivery end, measurement of the pressure drop at the delivery end, and the output. As can be seen from diagram a, the fuel system of the installation consists of fuel tank 8 fitted with a level indicator 7 and an overflow basin with a grid 12 and a drain valve 11. The following elements are connected by fuel lines 14 to the tank: output measurement tank 5, fuel flow sight-glass 6, manometer 9 and vacuum gauge 10. At the same time the fuel flow to the pump being tested 13 is regulated by two-way valve 1 and by the three three-way valves 2,3, and 4 connected to a special system. As an example the method of measuring the output of pump 13 is given below.

Card 1/2

ACC NR:AP6032359



Diagrams a) and b)

SUB CODE: 13 / SUBM DATE: 15Mar66

Card 2/2

Diagram b illustrates the system of valves for this case. At the moment when the fuel column reaches the zero position on the scale of the output measurement tank, the stop-watch must be engaged. After 30 seconds the stop-watch must be turned off and the level of valve 2 must be switched on. Then the amount of fuel q must be read off the scale of the output measurement tank. The output of the pump tested can be computed from the formula $Q = q \cdot 3.6/t$ where t is the measurement time in seconds. Orig. art. has: 2 figures.

WALASIK, J.

"Standardization in the Silk Industry," P. 298. (WIADOMOSCI, Vol. 22, No. 6, June, 1954, Warszawa, Poland)

SO; Monthly List of East European Accession, (EEAL), LC. Vol. 4, No. 1, Jan. 1955 Uncl.

POLAND/Chemical Technology - Chemical Products and Their Application: Artificial and Synthetic Fibers.

H-32

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 27204

Author : Walasik Jan

Inst

Title : Trend in Development and Application Domain of Artificial Fibers.

Orig Pub : Przem. włókienniczy, 1956. 10, No 9, 405-414

Abstract : A review of development in worldwide production and use of artificial fibers during 1955-1956.

Card 1/1

WALASIK, J.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, no. 3, Mar. 1958

WALASIK, J. A new numeration of yarn TEX. p. 127

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 2,
February 1959, Unclass.

WALASZCZYK, Edmund, mgr inż.

Arc hardfacing of rails without preheating. Przegl spaw
16 no. 1: 21-24 Ja '64.

1. Swidnicka Fabryka Urzadzen Przemyslowych, Swidnica.

BIERNACKI, Andrzej; CZARNIECKI, Wincenty; DORYWALSKI, Tadeusz, GLINSKA,
Danuta; KOWALSKA, Maria; KROTKIEWSKI, Andrzej; SICINSKI, Alfred
STASIAKOWA, Lucja, SZAJEWSKI, Janusz; WALASZEWSKA, Barbara

Remote results of conservative therapy of peripheral vascular diseases.
Polskie arch.med. wewn. 28 no.5:771-778 1958.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierownik:
prof. dr nauk med. A. Biernacki.
(VASCULAR DISEASES, PERIPHERAL, ther.
drug. ther., follow-up (Pol))

LAMERS, Halina; WALASZEWSKA, Barbara

Treatment of peripheral vascular diseases with intra-arterial injections
Polskie arch. med. wewn. 28 no.5:807-810 1958.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierownik:
prof. dr nauk med. A. Biernacki. Adres autora: Warszawa, Solec,
Szpital Miejski, Oddział Wewnętrzny.

(VASCULAR DISEASES, PERIPHERAL, THER.

tolazoline & other drugs, intra-arterial inject. (Pol))

(SYMPATHOLYTICS, ther. use

tolazoline in peripheral vasc. ids. intra-arterial inject.
(Pol))

KOWALSKA, Maria; GLINSKA, Danuta; WALASZEWSKA, Barbara

Analysis of the cases treated in the Outpatient Unit for Peripheral Vascular Diseases of the 1 st Clinic for Internal Diseases of the Academy of Medicine in Warsaw. Polski tygod. lek. 14 no.22:1022-1025
1 June 59.

1. (Kierownik kliniki: prof. dr nauk med. A. Biernacki).
(VASCULAR DISEASES, PERIPHERAL, statist.
olin. statist. (Pol))

WALATA, Cezary, mgr inż.

New products of the Cable Accessories Works in Elk. Wiad
elektrotechn 32 no.5/6:162-163 My-Je '64.

HALANSKI, A.

In a bus around Silesia and the Dabrowa Coal Basin, p. 97.

GEOGRAFIA W SZKOLE. (Ministerstwo Oswiaty, Polskie Towarzystwo Geograficzne)
Warszawa, Poland. Vol. 12, no. 2, Mar./Apr. 1959.

Monthly list of East European Accessions (EEAI) LC. Vol. 8, no. 7, ^{July} 1959

Uncl.